



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Friday, September 14, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today and Saturday

- Heavy rain/flash flooding possible along the **TX** coast into **S & S-Central TX**.
- Shower activity over the western **Gulf of Mexico** is not expected to develop into a tropical depression as it approaches the **TX** coast today, but may produce some gusty winds.
- Areas of heavy rain/flash flooding will likely continue over **S/SW TX**.

Sunday

- Some lingering heavy rain chances along the **Rio Grande Valley** early Sunday.

Monday - Tuesday

- No significant weather impacts expected.

Tropical Outlook

- Hurricane Florence made landfall near **Wrightsville Beach, NC** this morning. No impacts to **FEMA Region 6**.
- Tropical Depression Isaac will continue to move west for the next few days, with some decrease in forward speed.
 - Isaac is forecast to continue to gradually weaken over the next few days, and could degenerate into a tropical wave at any time.
- Tropical Storms **Joyce** and **Helene** will have no impacts to **FEMA Region 6**.
- The shower activity in the western **Gulf** will likely not develop into a tropical depression before it reaches the **Texas** coast today.
 - Formation chances in the next 48 hours...low...20%.
 - Formation chances in the next 5 days...low...20%.

FEMA Region 6 Threat Matrix

Sept 14, 2018 – Sept 18, 2018



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DAY / THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms					
Heavy Rain / Flash Flooding	S, S-Cntrl and Coastal TX	Central and SW TX	SW TX		
Fire Weather					
Tropical Weather	TX Coast				
River Flooding	STX	STX	STX	STX	

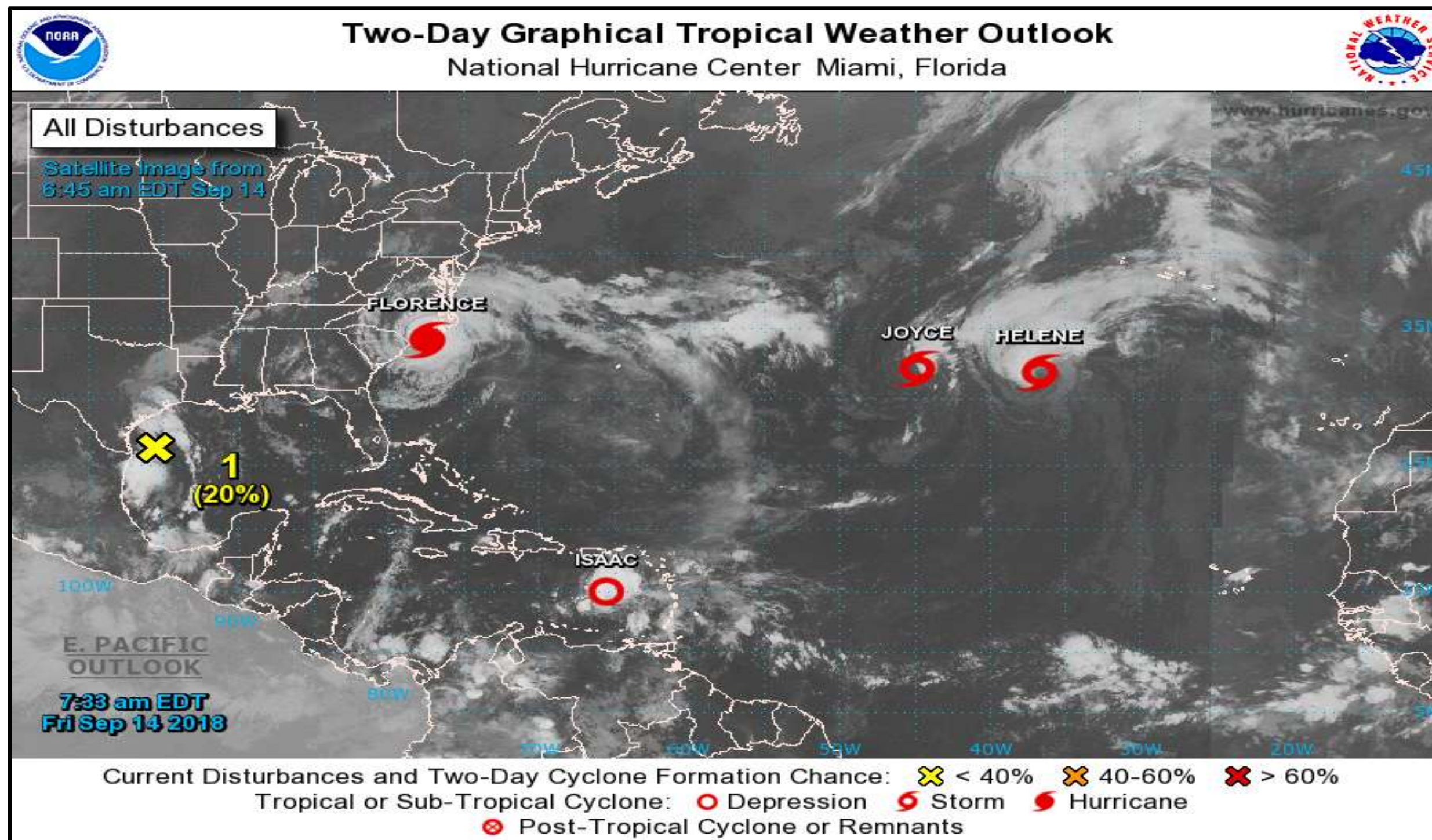
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



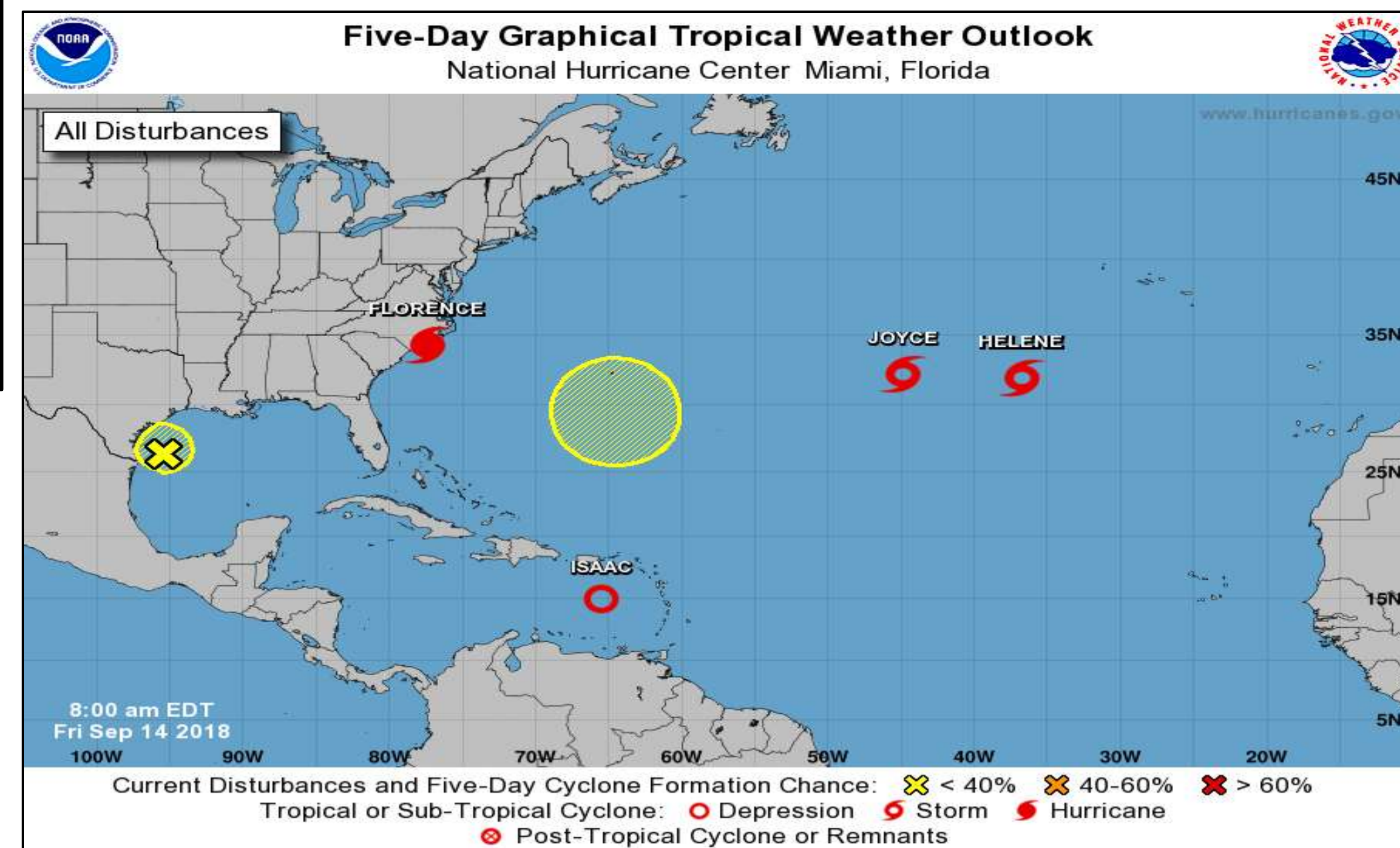
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Shower activity has changed little in organization in association with an elongated area of low pressure located over the western Gulf of Mexico. Although this system probably will not develop into a tropical depression before it moves onshore in Texas later today, it is likely to bring heavy rainfall and gusty winds across portions of south Texas through Saturday.

- Formation chances in the next 48 hours...low...20%.
- Formation chances through 5 days...medium...20%.

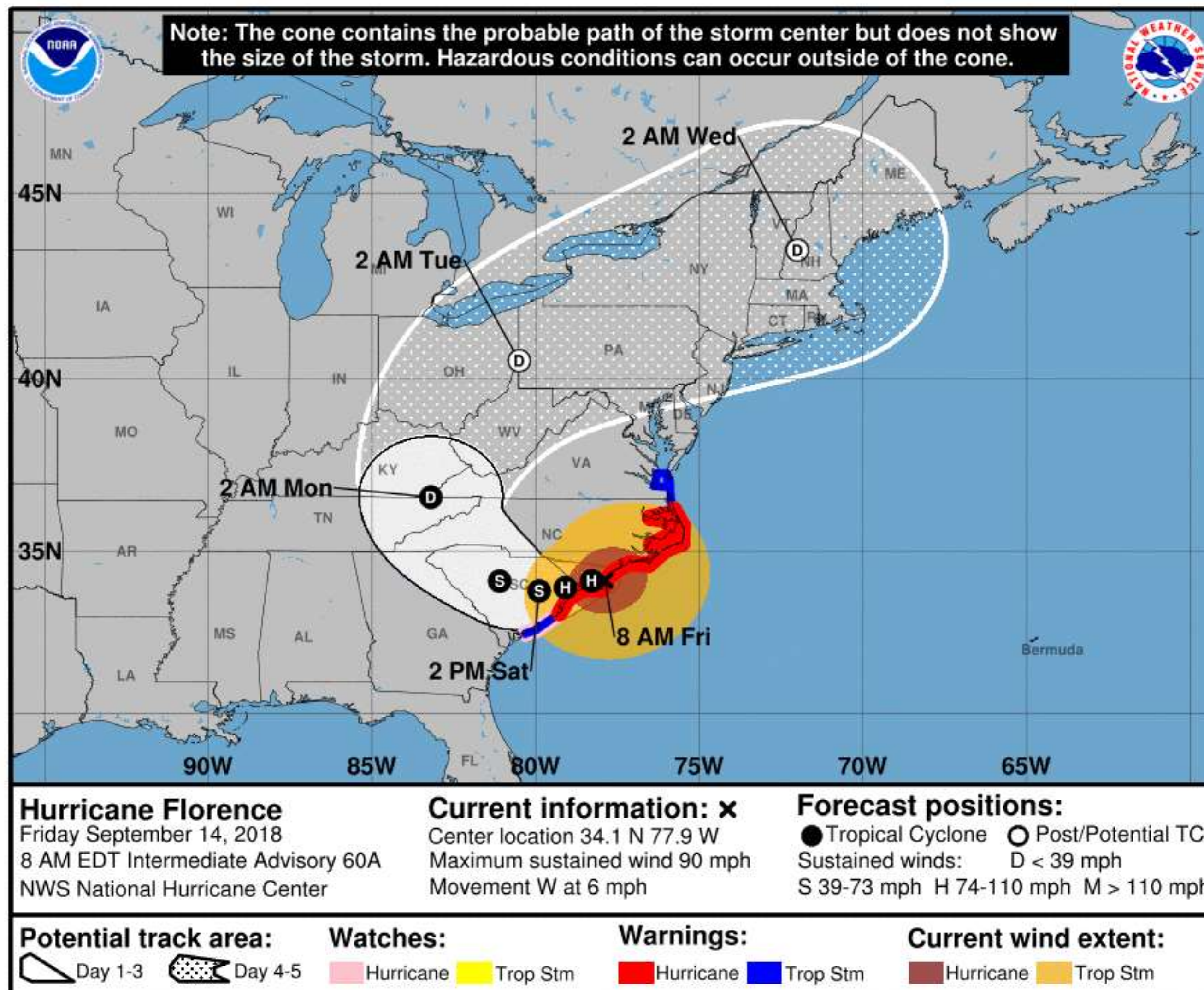
See next slides for more information on Florence, Isaac, Joyce and Helene.



Hurricane Florence



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Florence made landfall near Wrightsville Beach, NC this morning.

Life threatening storm surge and hurricane force winds continue today.

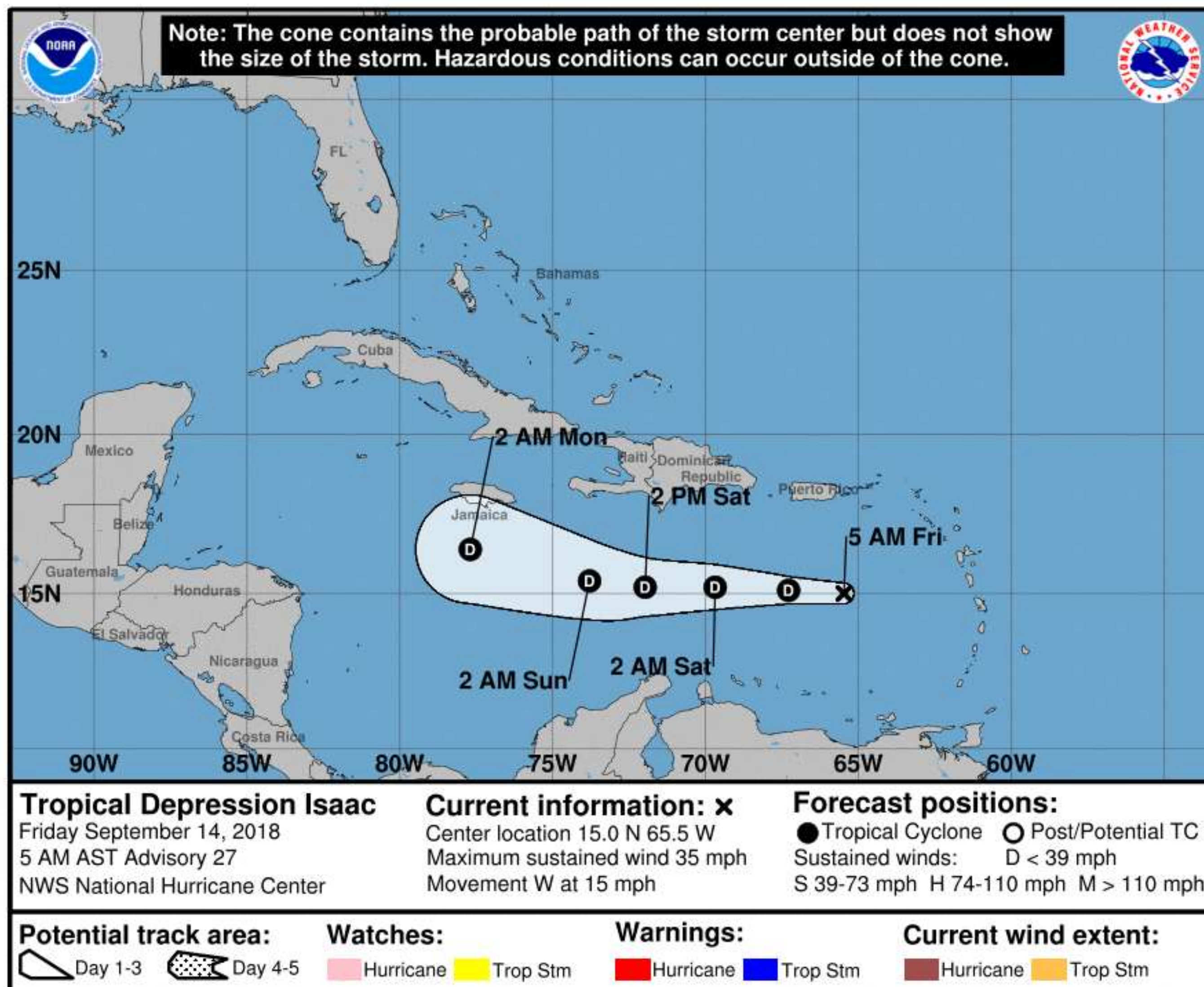
Catastrophic freshwater flooding expected over portions of North and South Carolina.

No Impacts to FEMA Region 6.

Tropical Depression Isaac



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Isaac weakened to a Depression over the eastern Caribbean Sea.

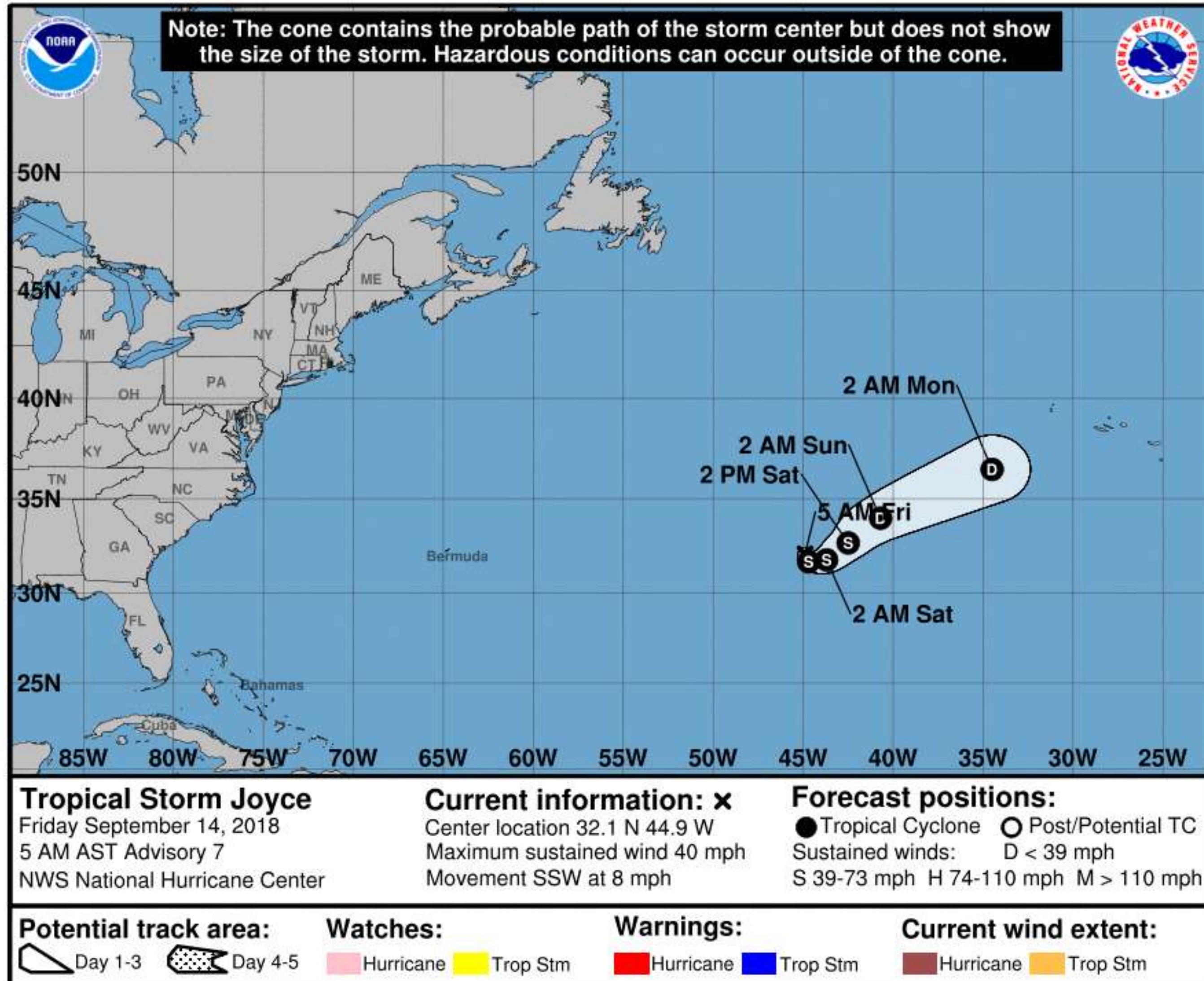
Isaac will continue to move west for the next few days, with some decrease in forward speed.

Isaac is forecast to continue to gradually weaken over the next few days, and could degenerate into a tropical wave at any time.

Tropical Storm Joyce



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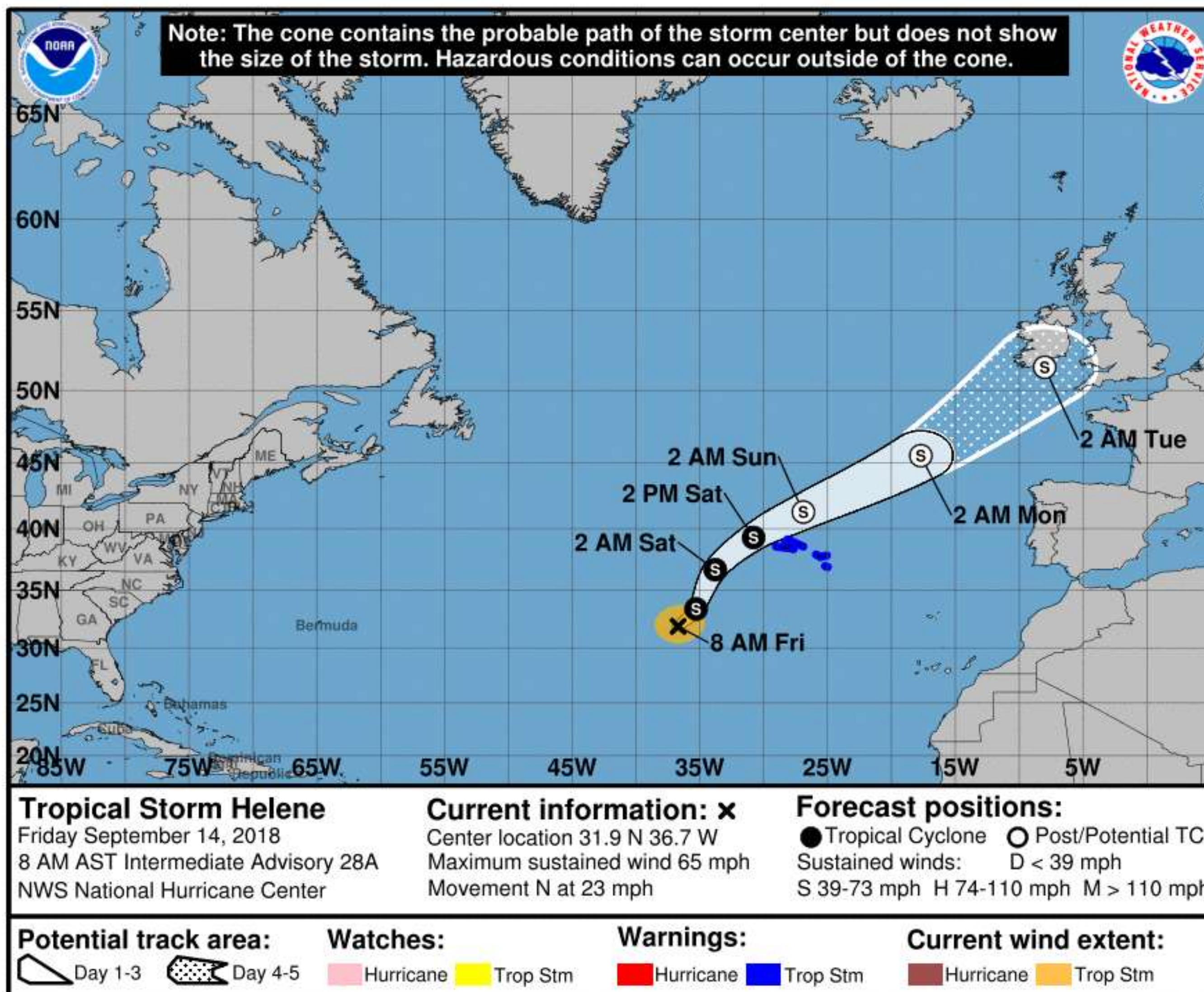


Joyce is moving southwestward but expected to turn eastward by tonight.

Tropical Storm Helene



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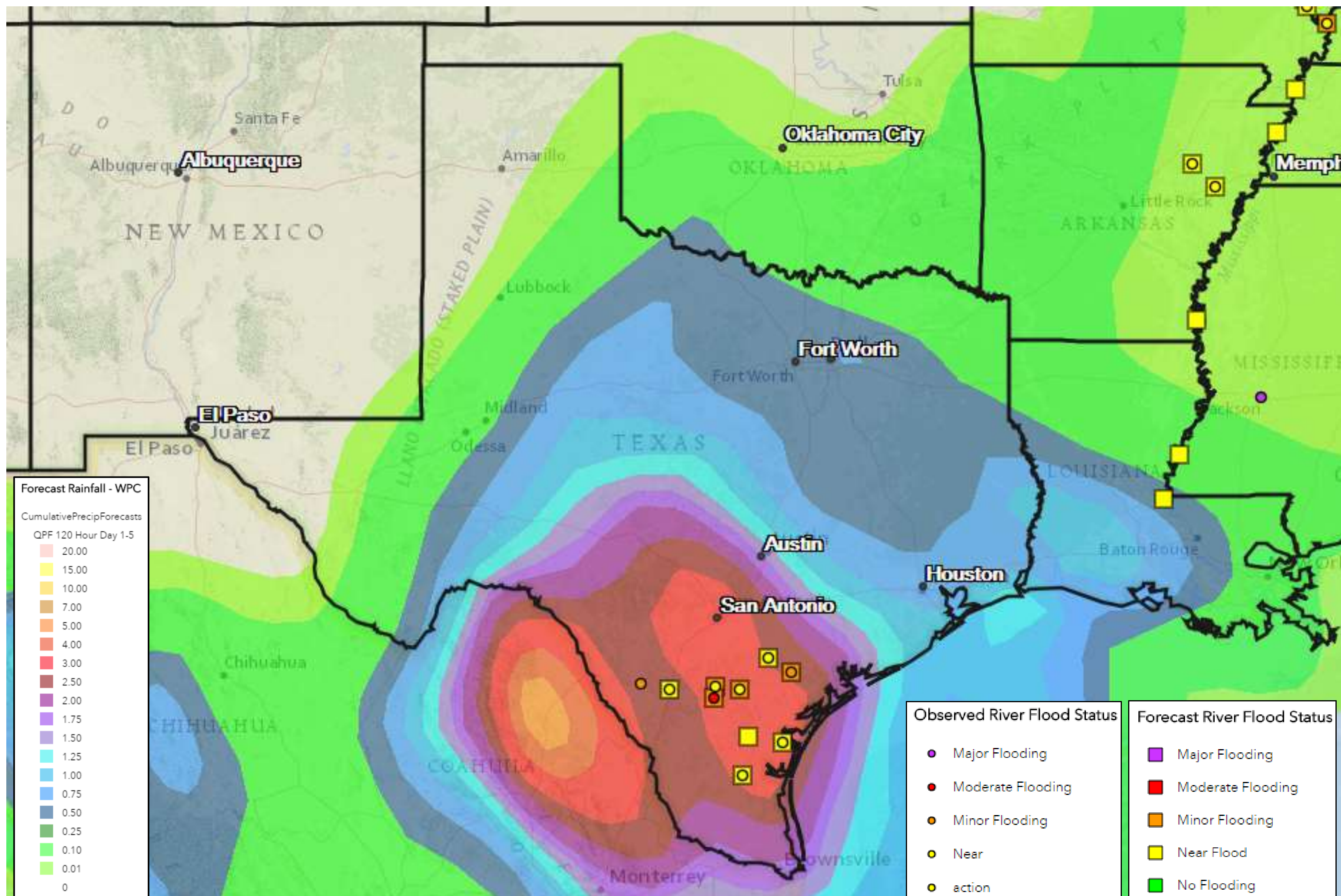
Helene is accelerating northward.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Water is moving downstream in the Nueces, Frio and San Antonio Rivers, and minor to moderate flood is observed or forecast (based on water already on the ground).

Additional rainfall today and Saturday could cause additional issues along these same areas, as well as possibly the Guadalupe Basin by Saturday.

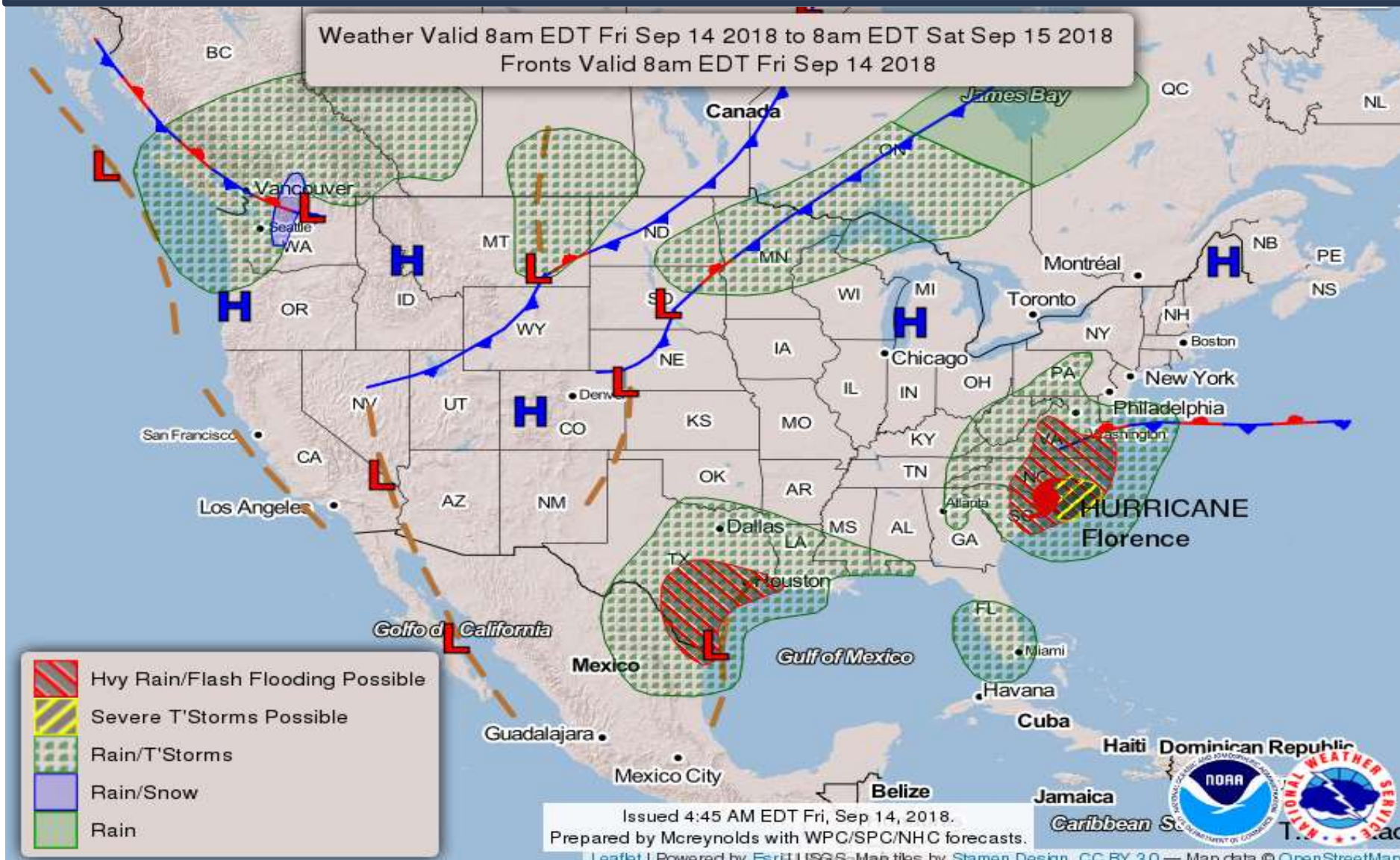
Water on the ground (without the forecasted rainfall) will lead to Lake Corpus Christi getting close to filling. Future rainfall will likely cause it to fill. Lake operations will be reflected in the official forecasts downstream.

Today's Weather



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Forecast Chart



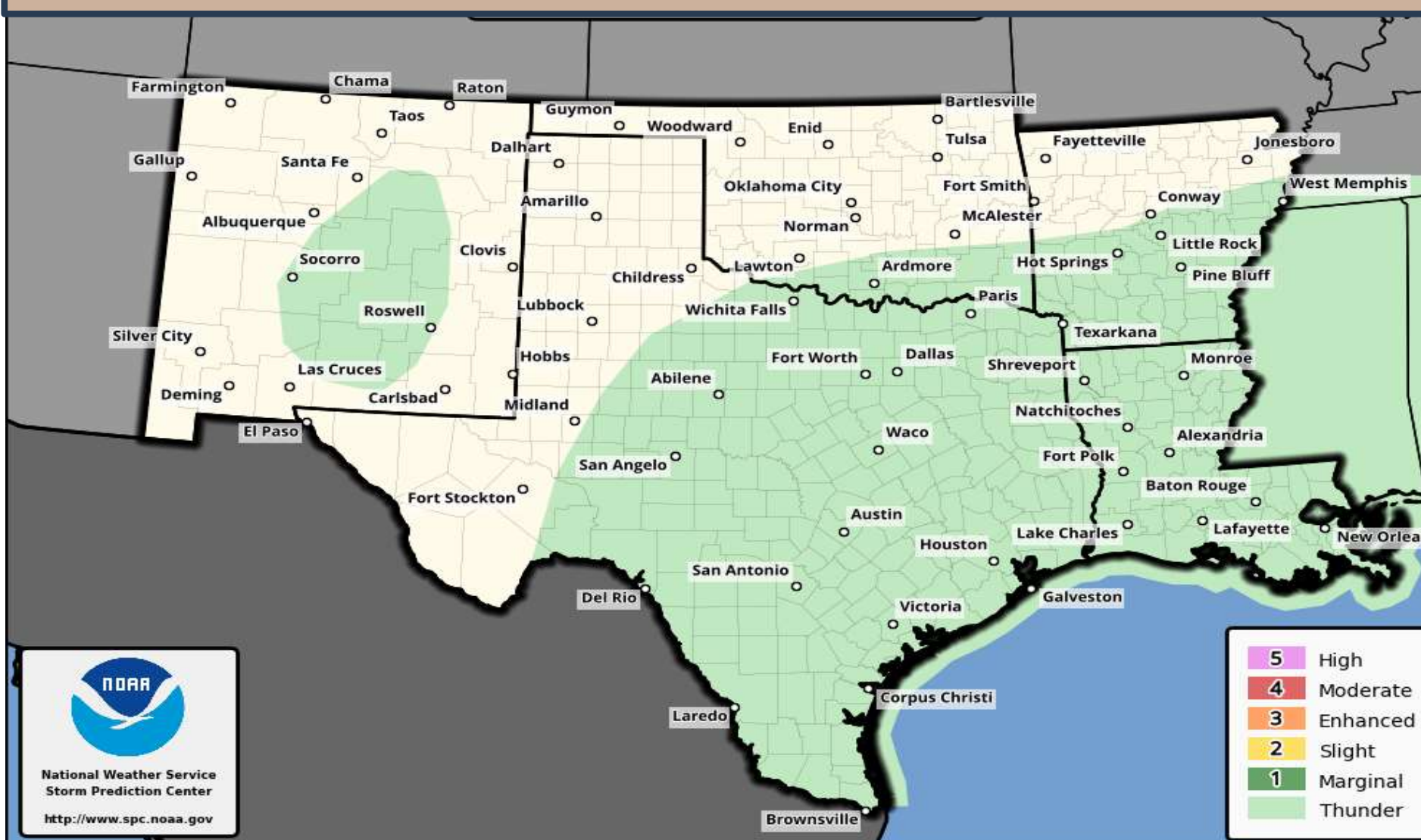
Forecast Rainfall



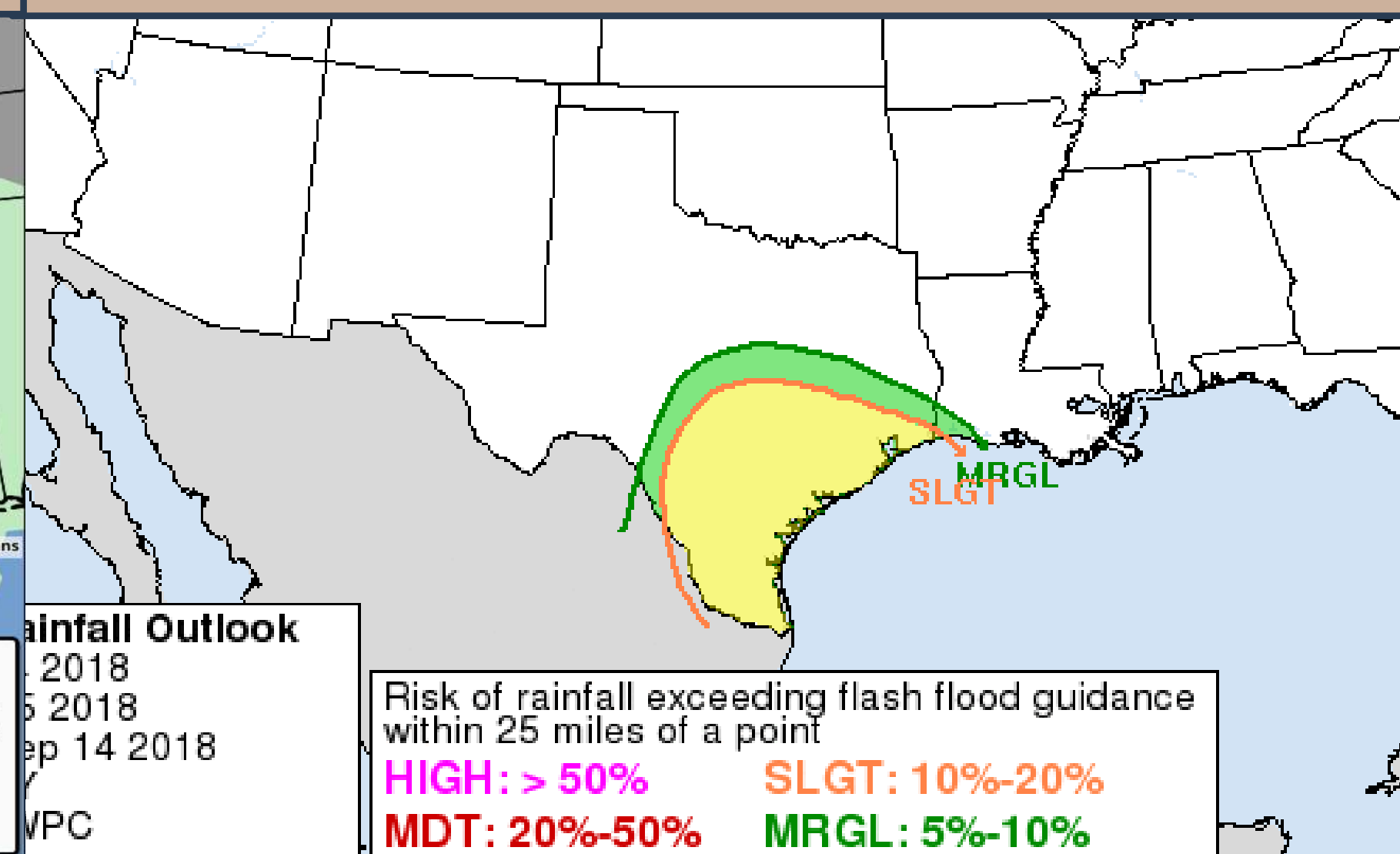
Heavy rain/flash flooding possible along the TX coast into S & S-Central TX.

Shower activity over the western Gulf of Mexico is not expected to develop into a tropical depression as it approaches the TX coast today, but may produce some gusty winds.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Flash flood watches are in effect along the Texas Coast and over S & S-Central TX throughout the day.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather

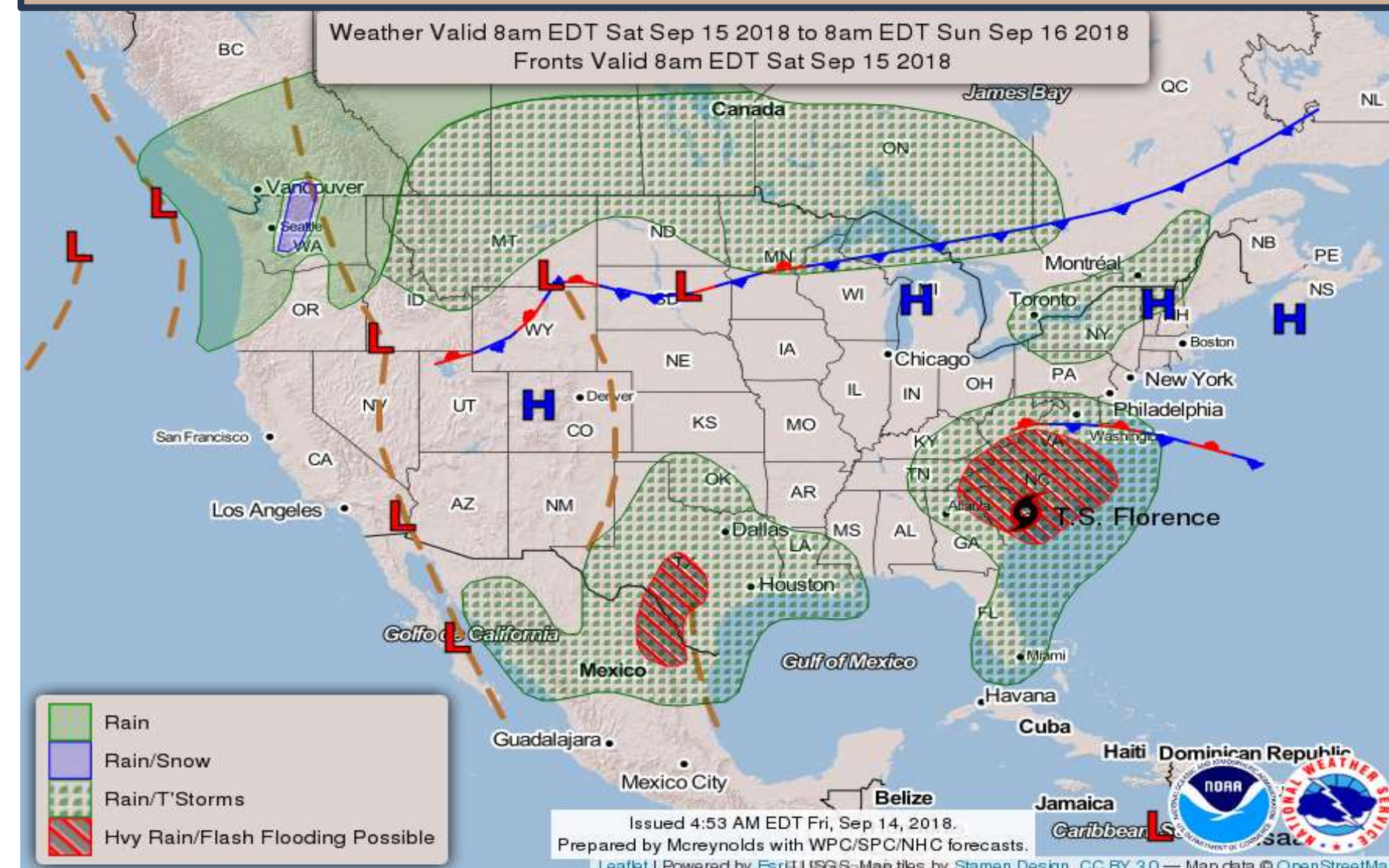


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Forecast Chart

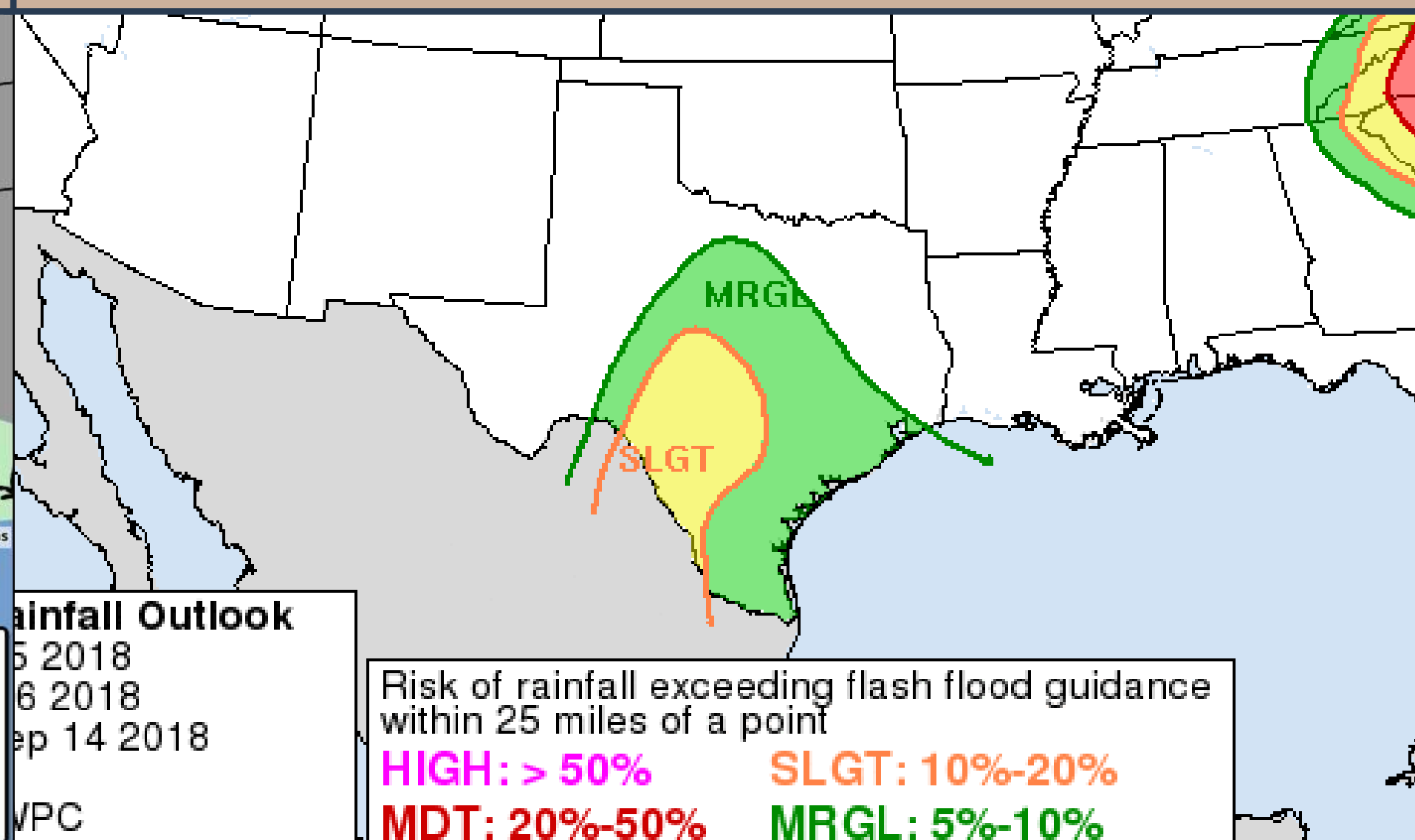
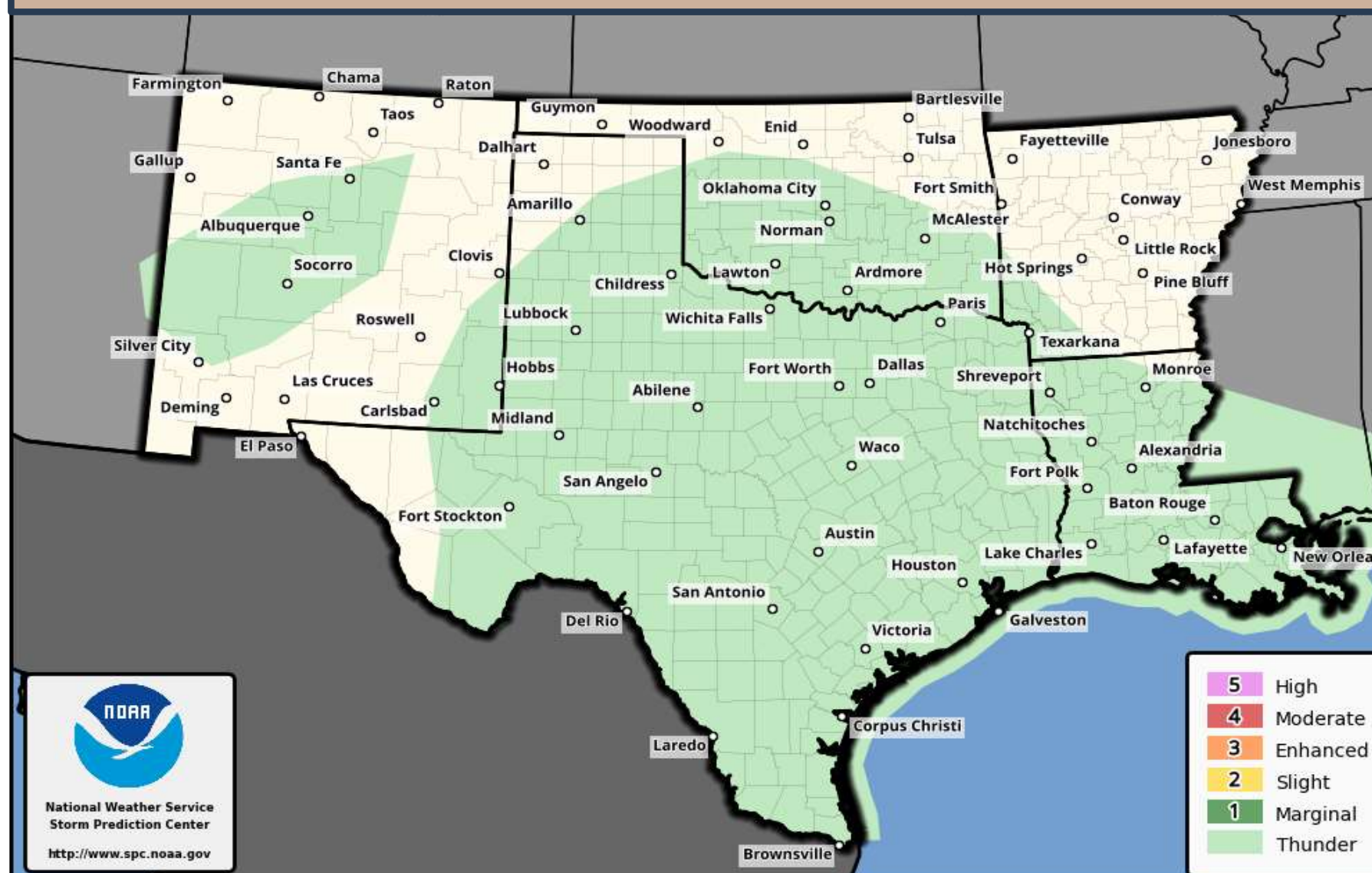
Forecast Rainfall

Areas of heavy rain/flash flooding are likely to continue over S/SW TX.



Severe Weather Outlook

Excessive Rainfall Outlook



Sunday's Weather

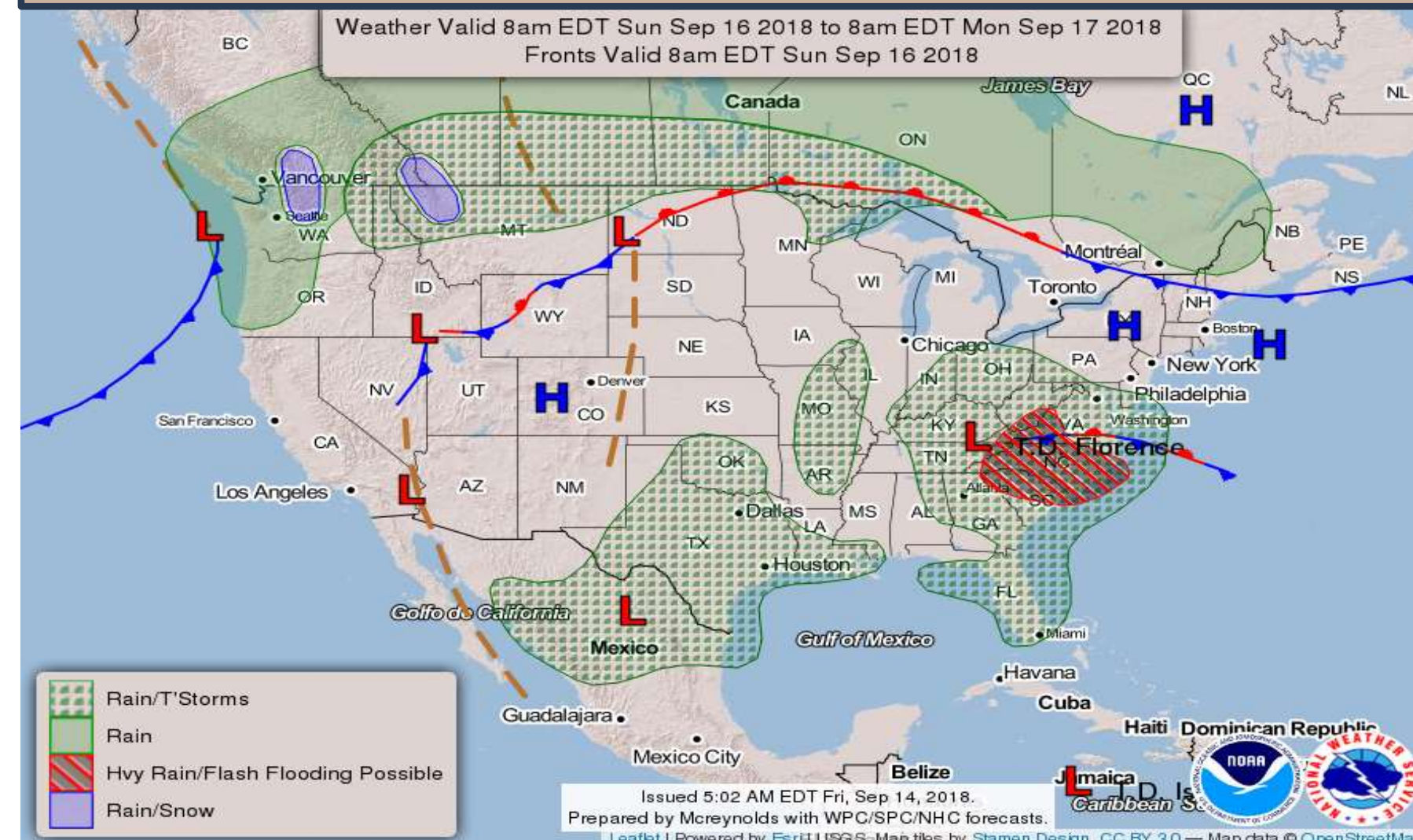


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Forecast Chart

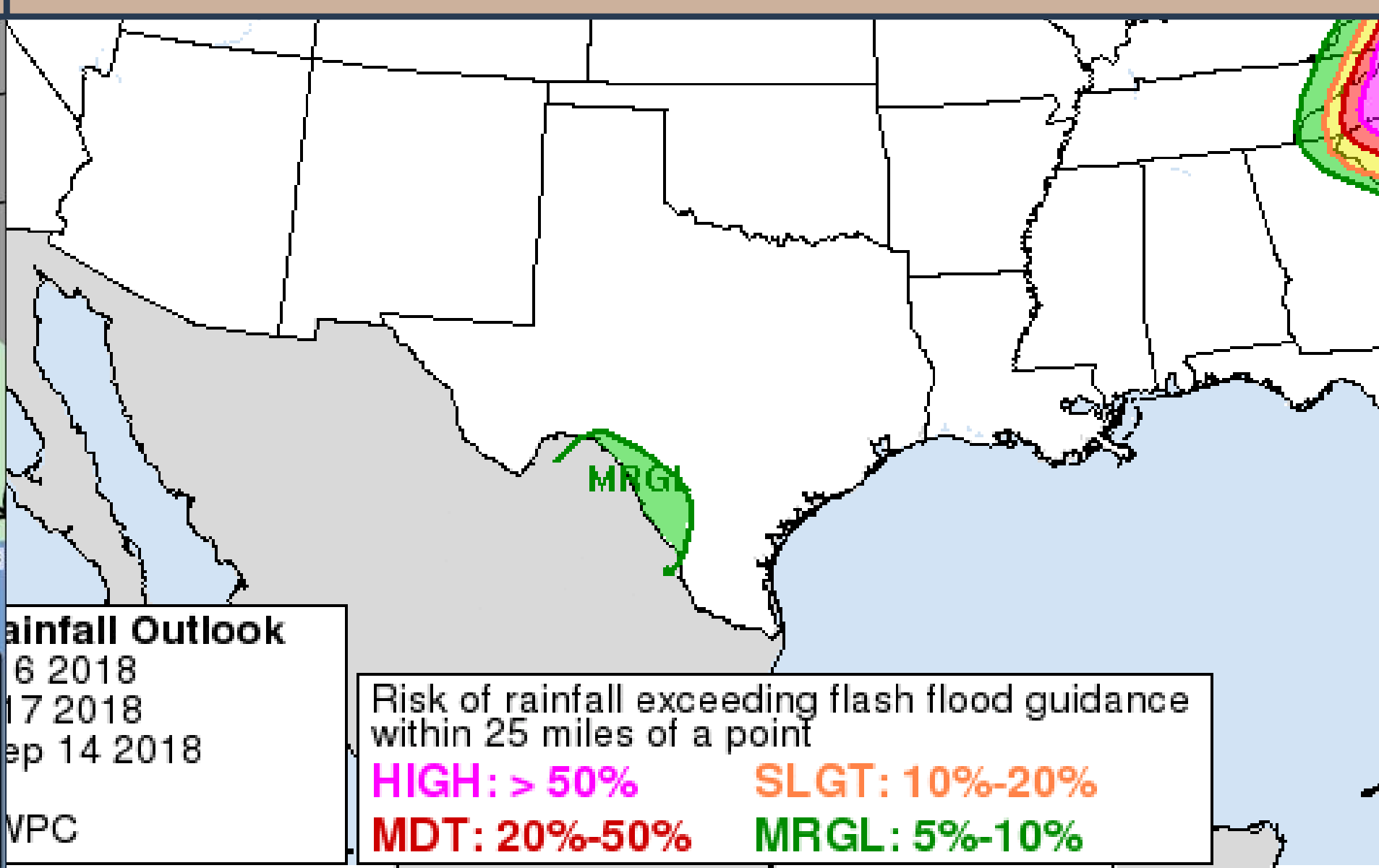
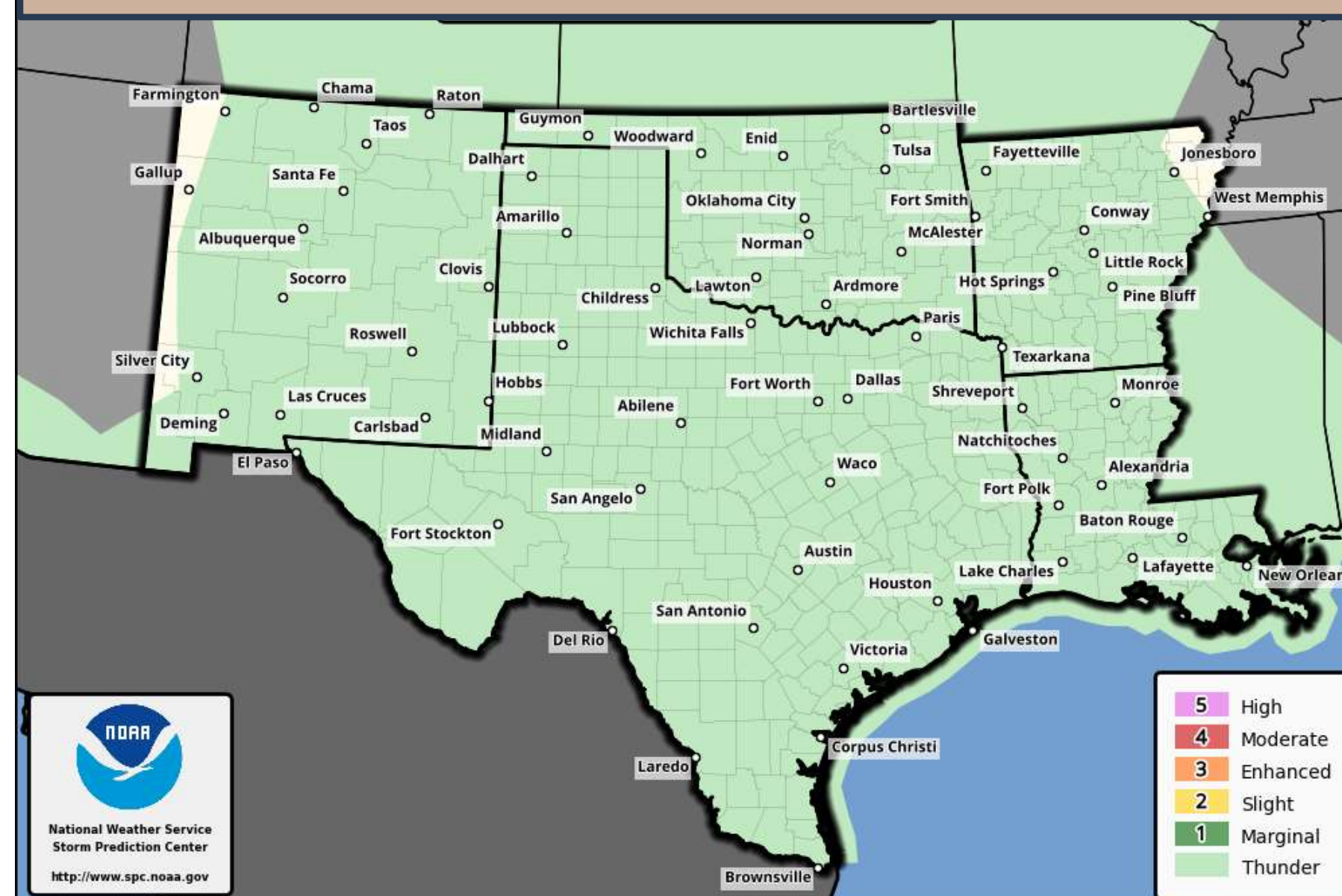
Forecast Rainfall

Some lingering heavy rain
chances along the Rio
Grande Valley early Sunday.



Severe Weather Outlook

Excessive Rainfall Outlook

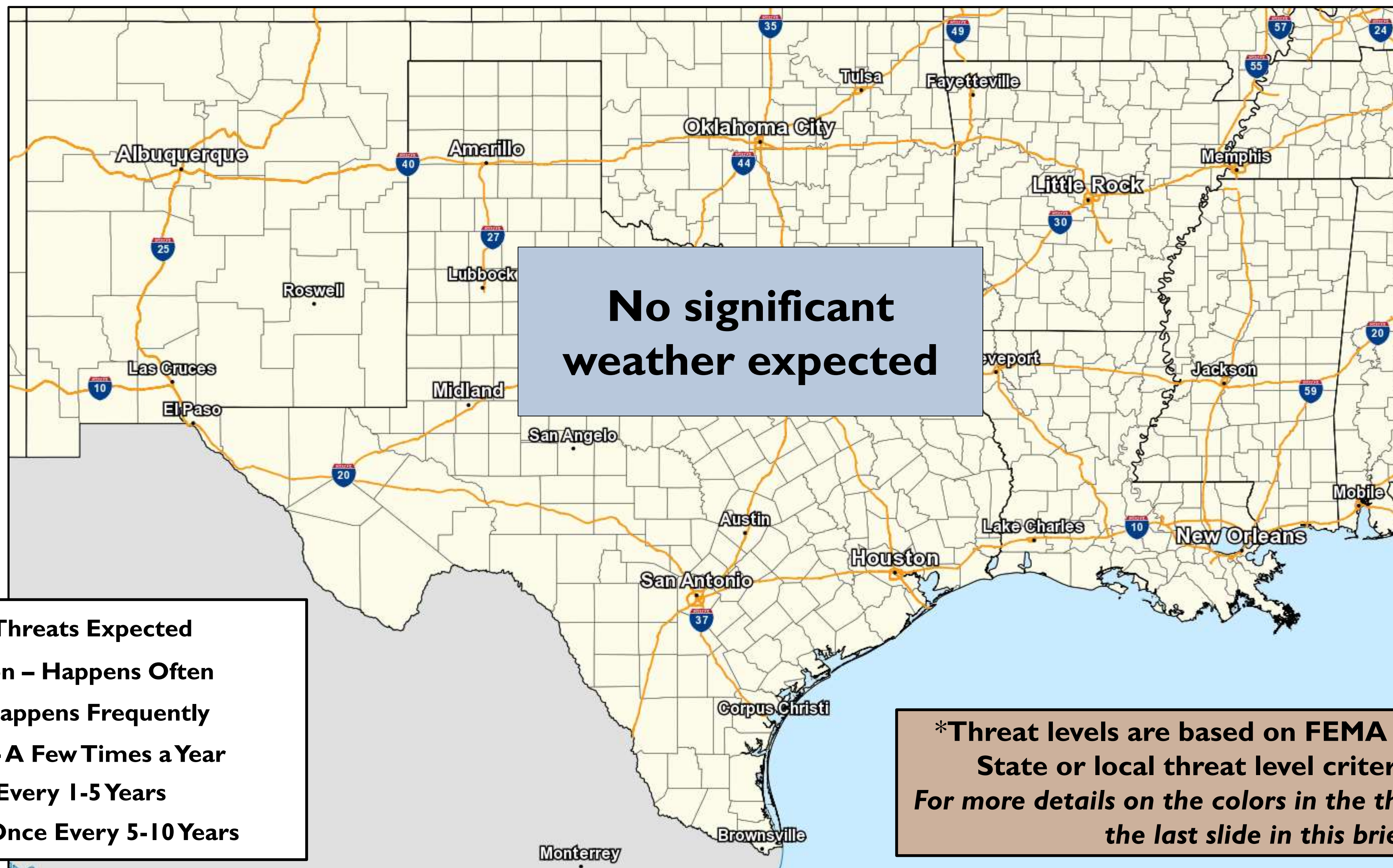


Days 4-5 Weather Hazards

Monday - Tuesday



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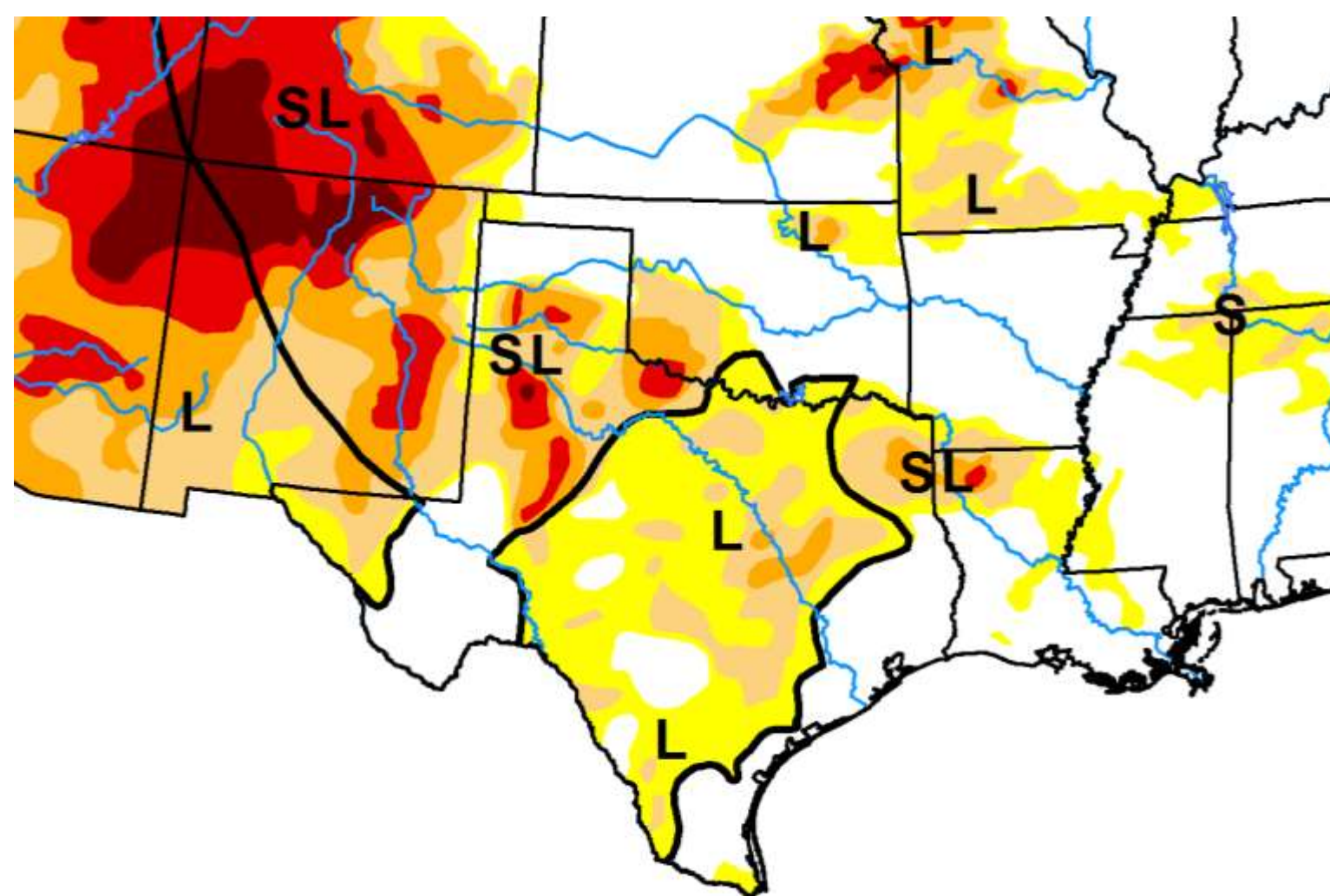
Drought Monitor (Released September 13, 2018)



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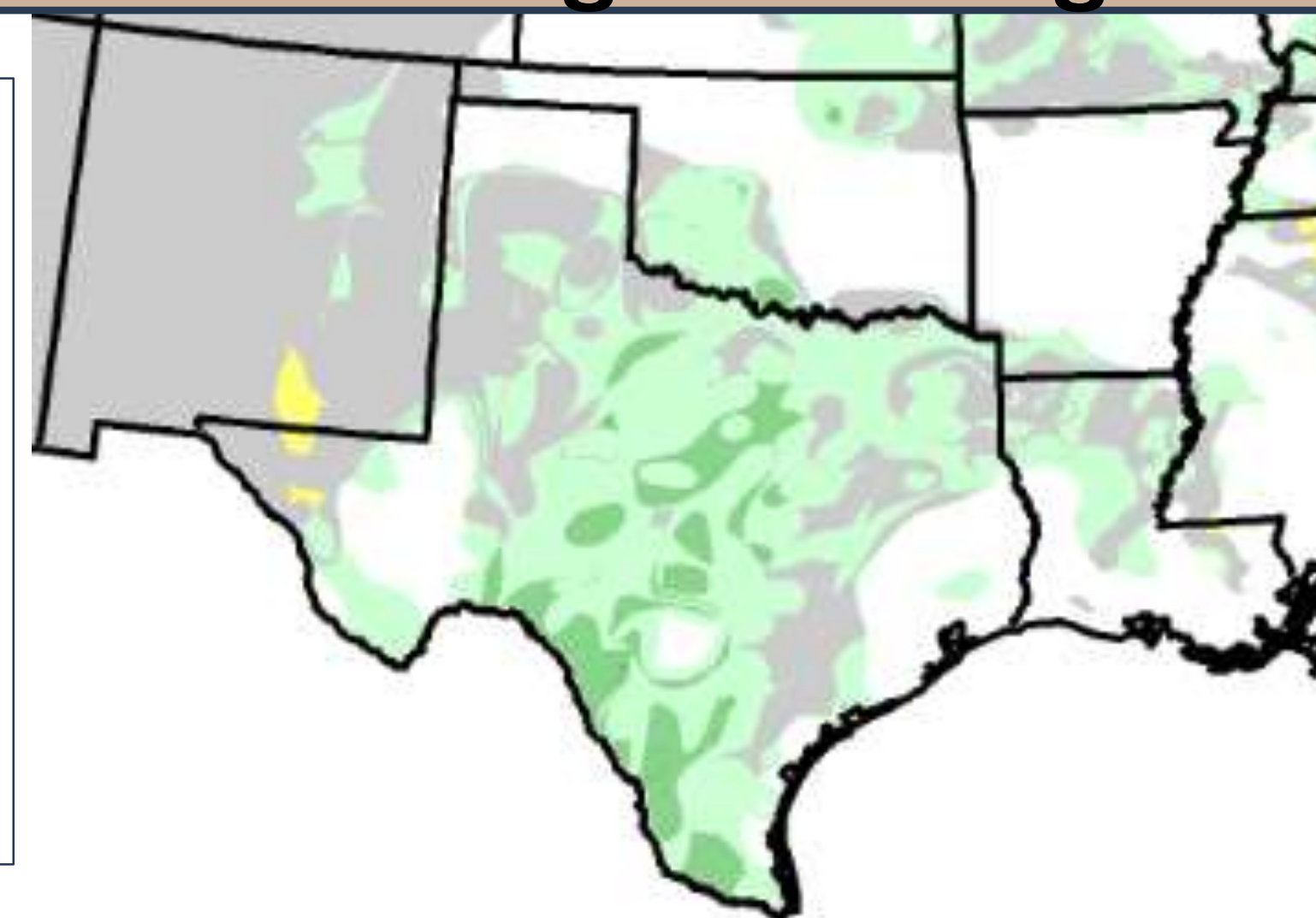
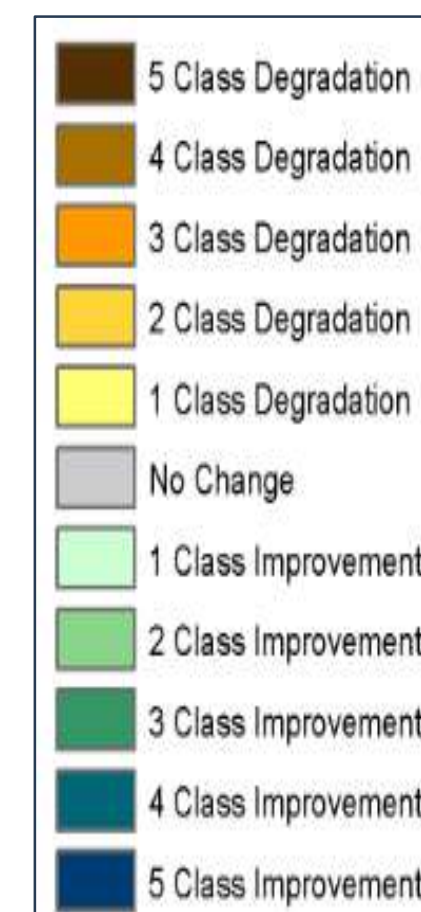
Data valid as of 7am CDT, Tuesday, September 11, 2018

Drought Monitor



Intensity:
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

One Week Change in Drought



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

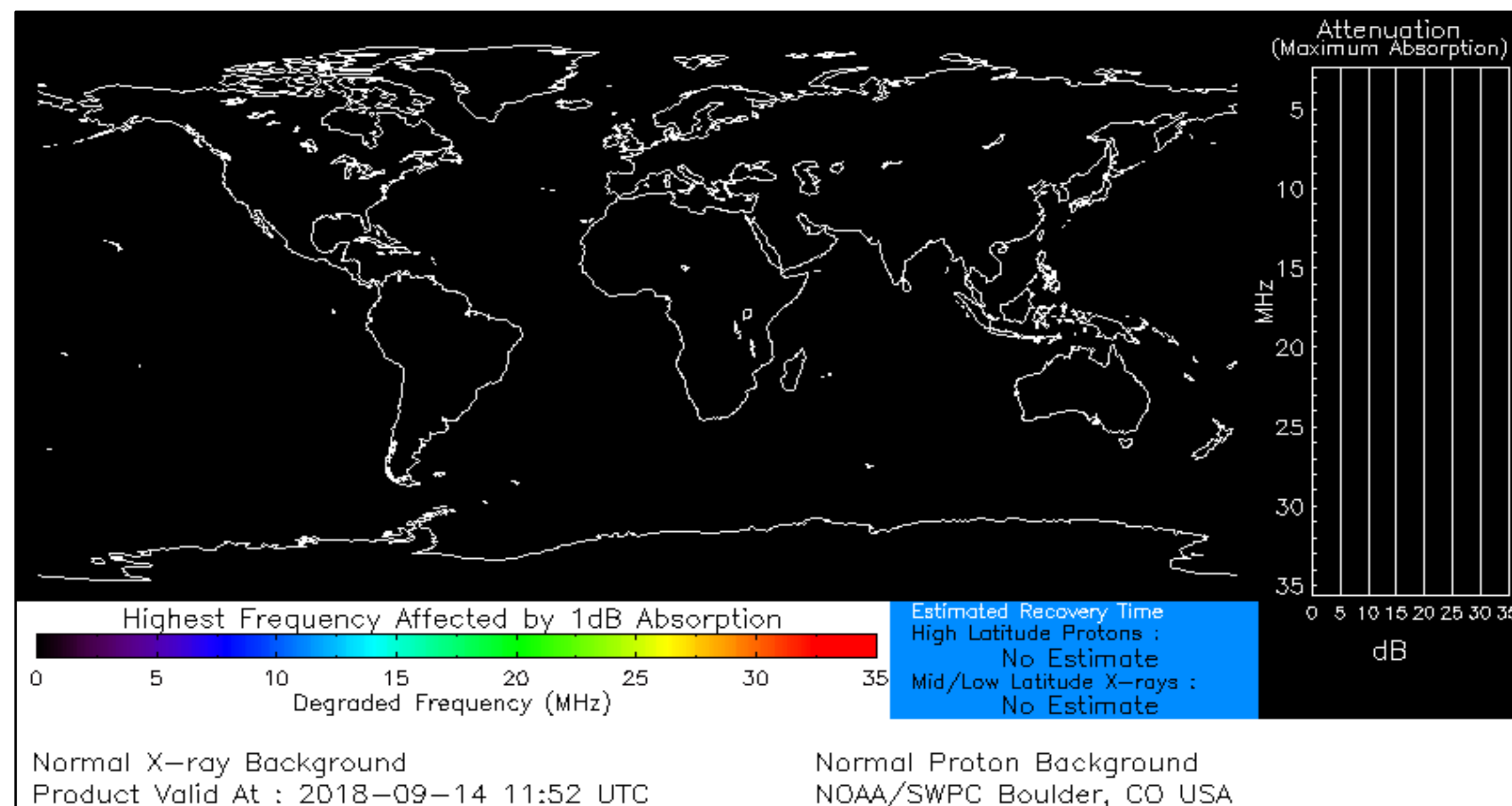
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.94%	1.61%	0.00%	0.00%
Oklahoma	0.57%	4.69%	23.91%	0.00%
Texas	2.43%	5.51%	9.74%	0.00%
New Mexico	31.84%	34.07%	62.97%	0.00%

Space Weather 3-Day Forecast



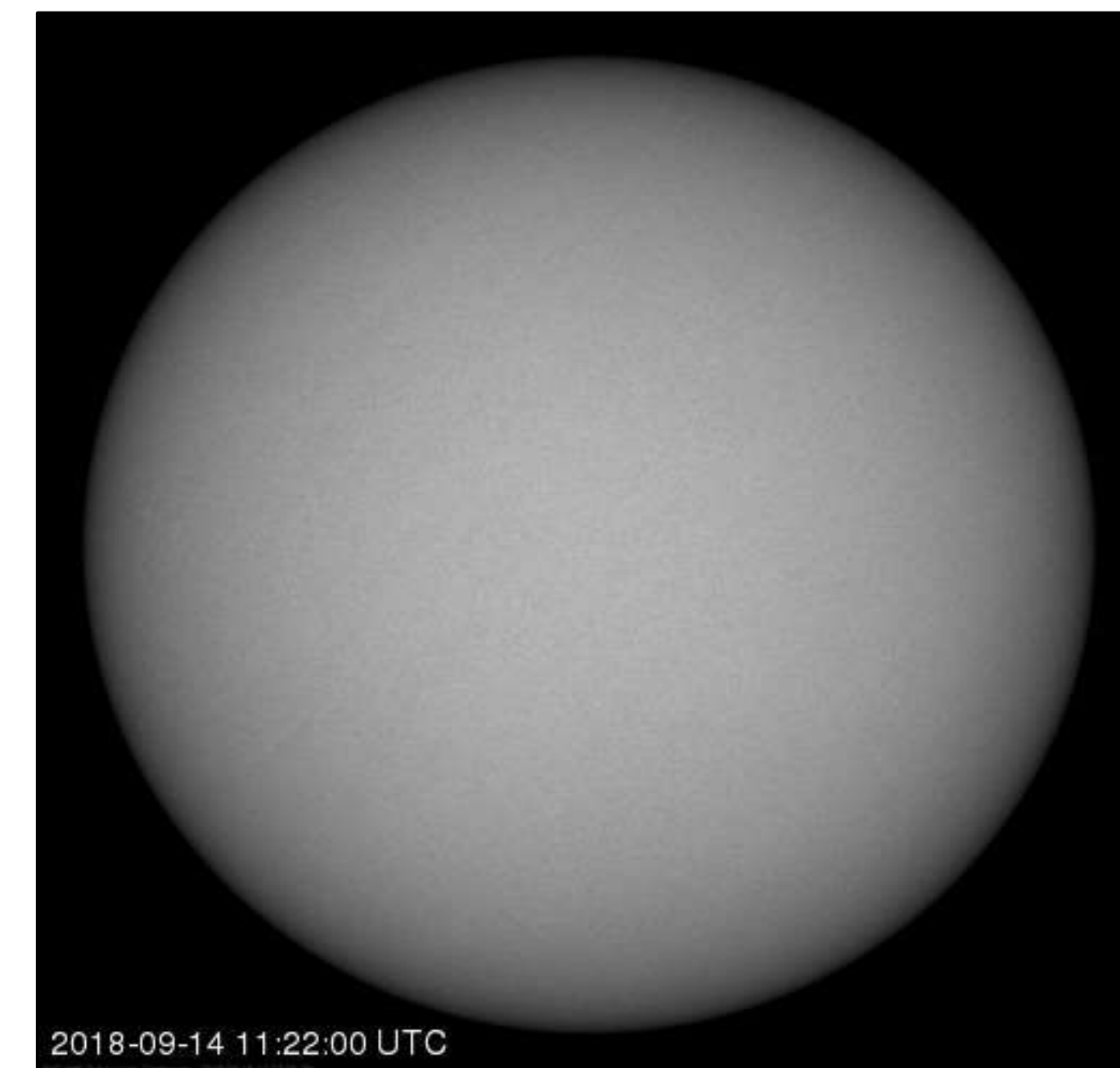
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov